

Abstract

A toner of the present containing a colored resin particle comprising a binder resin, a colorant, a charge control agent and a parting agent, has the following properties: (1) the colored resin particle has a volume average particle diameter (D_v) in the range of 4 to $9\mu\text{m}$; (2) the colored resin particle has an average sphericity in the range of 0.93 to 0.995; (3) the toner has a share viscosity (η_1) in the range of 800 to $3,500\text{Pa}\cdot\text{s}$ at a temperature of 130° and a shear rate of 10/s; and (4) the toner has a share viscosity (η_2) in the range of 100 to $1,000\text{Pa}\cdot\text{s}$ at a temperature of 130° and a shear rate of 500/s. The toner can be fixed at a low temperature even when the toner is used for a high-speed printing apparatus and has an excellent durability and shelf stability as well as an excellent hot-offset resistance.